

EC-TYPE EXAMINATION CERTIFICATE (MODULE B)

Certificate no.:
MEDB0000889

Application of: Directive 2014/90/EU of 23 July 2014 on marine equipment (MED), issued as "Forskrift om Skipsutstyr" by the Norwegian Maritime Authority. This Certificate is issued by DNV AS under the authority of the Government of Norway.

This is to certify:

that the **Retro-reflective materials**

with type designation(s)
YSL-1101A and YSL-1101B

issued to

Yeshili New Materials (Xianju) Co., Ltd.
Taizhou, China

is found to comply with the requirements in the following Regulations/Standards:

Regulation **(EU) 2023/1667**,

item No. MED/1.30. SOLAS 74, Regulation III/4, III/34 & X/3, LSA Code and 2000 HSC Code 8, IMO MSC.1/Circ.1628 Rev.1.

Further details of the equipment and conditions for certification are given overleaf.

This Certificate is valid until **2029-01-18**.

Issued at **Høvik** on **2024-01-19**

DNV local unit:
Ningbo FIS

Approval Engineer:
Tessa Biever



Notified Body
No.: **0575**

for **DNV AS**

Mydlak-Röder, Christine
Head of Notified Body

A U.S. Coast Guard approval number will be assigned to the equipment when the production module has been completed and will appear on the production module certificate (module D, E or F), as allowed by the "Agreement between the United States of America and the EEA EFTA states on the mutual recognition of Certificates of Conformity for Marine Equipment" signed 17 October 2005, and amended by Decision No 1/2023 dated August 21st, 2023.



The mark of conformity may only be affixed to the above type approved equipment and a Manufacturer's Declaration of Conformity issued when the production-surveillance module (D, E or F) of Annex B of the MED is fully complied with and controlled by a written inspection agreement with a Notified Body. The product liability rests with the manufacturer or his representative in accordance with Directive 2014/90/EU.

This certificate is valid for equipment, which is conform to the approved type. The manufacturer shall inform DNV AS of any changes to the approved equipment. This certificate remains valid unless suspended, withdrawn, recalled or cancelled.

Should the specified regulations or standards be amended during the validity of this certificate, the product is to be re-approved before being placed on board a vessel to which the amended regulations or standards apply.

LEGAL DISCLAIMER: Unless otherwise stated in the applicable contract with the holder of this document, or following from mandatory law, the liability of DNV AS, its parent companies and their subsidiaries as well as their officers, directors and employees ("DNV") arising from or in connection with the services rendered for the purpose of the issuance of this document or reliance thereon, whether in contract or in tort (including negligence), shall be limited to direct losses and under any circumstance be limited to 300,000 USD.



Product description

'YSL-1101A and YSL-1101B'

is a retro-reflective material on a self-adhesive foil.

This certificate covers two types:

1. YSL-1101A is a self-adhesive reflective material, which is suitable for a smooth surface without support.
2. YSL -1101B is a sewing-reflective material, which is suitable for sewing on the surface with support for mechanical fastening.

For further details please see under Type Examination documentation.

Application/Limitation

Retro reflective material suitable for use and fitting on lifesaving appliances in accordance with the LSA Code and IMO Res. MSC.481 (102) – Type II.

Type Examination documentation

Test report No. 2023023 dated 6 July 2023 from Wuhan Testing Center of Marine Life-Saving Appliances, China.

Test report No. 2023022 dated 6 July 2023 from Wuhan Testing Center of Marine Life-Saving Appliances, China.

Drawing No. FY/YSL-1101A-00 Rev.1 dated June 2023 from manufacturer.

Drawing No. FY/YSL-1101B-00 Rev.1 dated June 2023 from manufacturer.

Tests carried out Tested according to IMO Res. MSC.481 (102) – Type II.

Marking of product

The product or packing is to be marked with name and address of manufacturer type designation, date of manufacture and the MED Mark of Conformity (see first page). The marking shall be according to LSA Code, item 1.2.2.9.